

What is claimed is:

1. A fire retardant VC-based resin composition, comprising:  
100 parts by weight of a VC-based resin,  
0.05 to 10 parts by weight of at least one anti-smoke agent selected  
5 from zinc-, molybdenum- or tin compounds, and  
0.01 to 10 parts by weight of at least one compound selected from  
aluminum- and magnesium-metal hydroxide and zeolite.
2. A fire retardant VC-based resin compositions according to claim 1, further  
10 comprising 0.1 to 10 parts by weight of at least one compound selected from  
polymethacrylate and polyalkylacrylate as a processing aid.
3. A fire retardant VC-based resin compositions according to claim 1, wherein  
said anti-smoke agent includes 0.05 to 8 parts by weight of a molybdenum  
15 compound and 0.1 to 3 parts by weight of an alkaline compound.
4. A fire retardant VC-based resin compositions according to claim 1, wherein  
said anti-smoke agent includes 0.1 to 8 parts by weight of a surface-coated  
anti-smoke agent in which an alkaline compound or a mixture of an alkaline  
20 compound and titanium oxide is used as a nucleating agent and a surface  
thereof is coated with a molybdenum compound.
5. A fire retardant VC-based resin compositions according to claim 4, wherein  
said molybdenum compound is preferably 5 to 50 % by weight of the surface-  
25 coated anti-smoke agent.
6. A fire retardant VC-based resin compositions according to claim 4, wherein  
said basic compound is at least one compound selected from aminocarboxylic  
acid derivatives, urea derivatives, dolomite derivatives, metal soap,  
30 beryllium oxide, magnesium oxide, calcium oxide, strontium oxide, barium

oxide, silicon oxide, aluminum oxide, zinc oxide, lime carbonate, ultramarine, barium sulfate, and precipitated barium sulfate.

7. A fire retardant VC-based resin article prepared by molding the fire  
5 retardant VC-resin composition according to claim 1 by means of extrusion molding, calender press molding, or extrusion-followed by press molding.

8. A fire retardant VC-based resin article according to claim 7, wherein  
color difference  $\Delta a$  determined by a warm-water color change test at 60° C  
10 for 48 hours is -0.5 to +0.5 before and after warm-water soaking.